



# ENERGY STAR CFL Program

**Richard Karney, P.E.**  
U.S. Department of Energy

*2005 ENERGY STAR Lighting Partner Meeting*  
*April 4, 2005*

# ENERGY STAR CFL Program Highlights



- Last year's activities continued to address increasing the overall quality of compact fluorescent light bulbs.
- In 2005, the Department will continue its work on product quality assurance as well as increasing collaboration with lighting partners to expand CFL consumer education and outreach. Key outreach themes are:
  - *Proper Use/Best Practices for qualified CFLs*
  - *Home Improvement/Comfort & Quality*
  - *CFL to Incandescent Equivalency: It's all about the light*
  - *Color of Light*
  - *Environmental Benefits*

# ENERGY STAR CFL Program Highlights



## ENERGY STAR Third Party Testing and Verification System

- Throughout 2004, worked with the industry working group to draft and refine a concept paper which addresses:
  - Product Requalification
  - Quality Control and Assurance
  - Product Selection
- Held a working group meeting in February 2005 to discuss topics of contention and reach consensus.
- Details will be discussed during Wednesday's plenary session.

# ENERGY STAR CFL Program Highlights



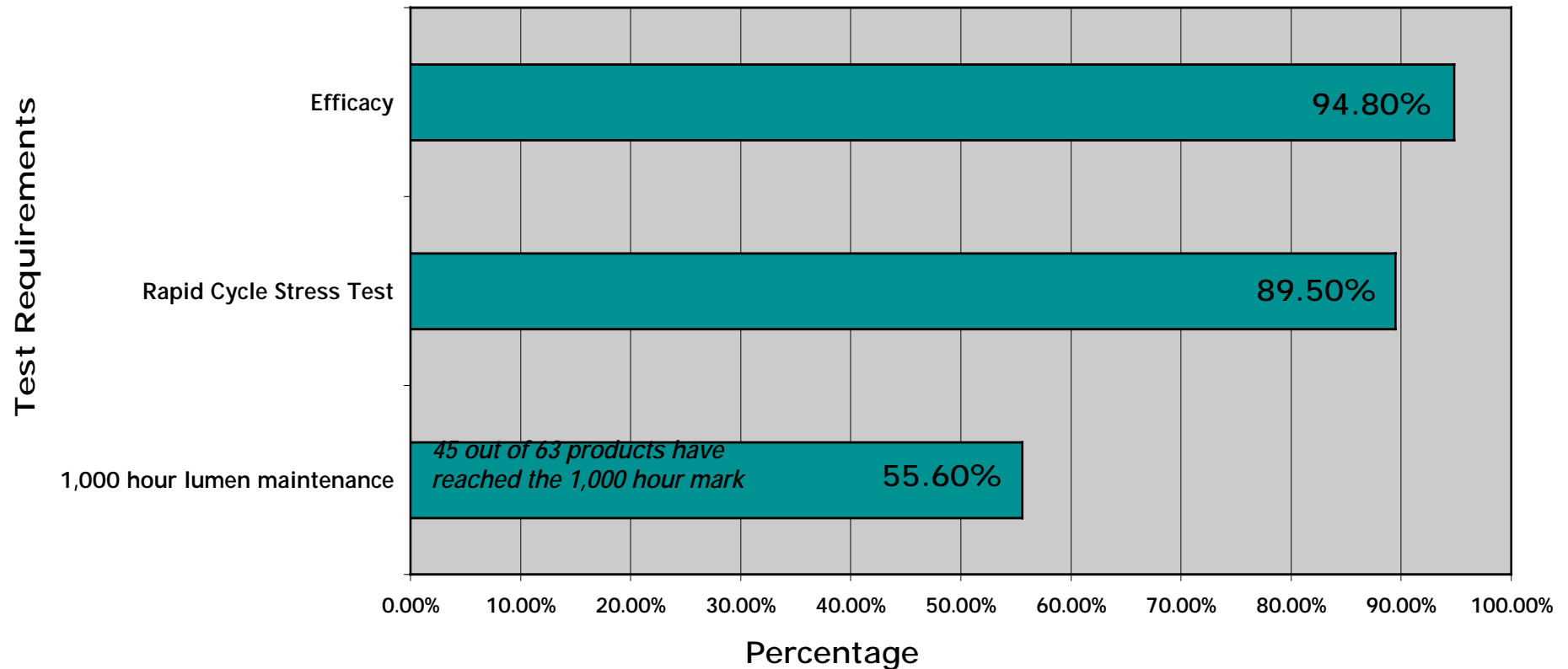
## ENERGY STAR Qualified Reflector Testing

- Suggested by manufacturers during last year's Lighting Partner Meeting.
- As of October 2005, achieved 90% of partner participation; products not submitted were disqualified.
- Currently 63 reflector products are in testing and 25 out of 45 have met all of the requirements for the 1,000 hour mark; 18 are still in testing.
- Qualified reflectors that were not in the marketplace in the 4th quarter 2004 and will be tested once the products are readily available. Targeted schedule will be to begin testing during the 3rd quarter 2005.

# ENERGY STAR CFL Program Highlights



## ENERGY STAR Qualified Reflector Testing - Initial Results



# ENERGY STAR CFL Program Highlights



## ENERGY STAR Qualified CFLs and Color

- The ENERGY STAR program is currently working with the lighting industry and the Lighting Research Center to research the best practices to communicate the color of light to consumers.
  - Tuesday Plenary Session - *Shades of White: Communicating the Color of Light*
  - Consumer Focus Groups through LRC
  - Lighting Research Office's 2006 Symposium
- In addition, DOE will be establishing a CFL color requirement within the next revision of the ENERGY STAR criteria for CFLs.



# ENERGY STAR CFL Program Highlights



## National Lighting Tracking Feasibility Study

- The study was initiated to identify the feasibility of tracking the penetration of ENERGY STAR qualified CFLs in the marketplace.
- Study was initiated by the need to:
  - Quantify the impact of CFL incentive and marketing programs for partners and the ENERGY STAR program
  - Identify alternative data gathering avenues since most retailers do not submit sales data reports to ACNielsen, Vista, etc.
  - Identify other approaches to develop an ongoing CFL market penetration system
- Details of the report and data collection process will be discussed during Wednesday's topical session - *In Search Of: ENERGY STAR Qualified CFL Market Share*

# ENERGY STAR CFL Program Highlights



## **ENERGY STAR Qualified CFL Shipment Data**

Reminder.....your 2nd half of 2004 qualified CFL product shipment data is due.

Please submit it to your ENERGY STAR Account Manager as soon as possible.



# Questions?



## Contact:

Richard Karney, P.E., ENERGY STAR Program Manager  
**[richard.karney@ee.doe.gov](mailto:richard.karney@ee.doe.gov)**